Docket No.: S1448/7001 Title: Method & Apparatus for Generating a Set of Filter Coefficients for a Time Updated Adaptive Filter

Applicant: Awad et al.

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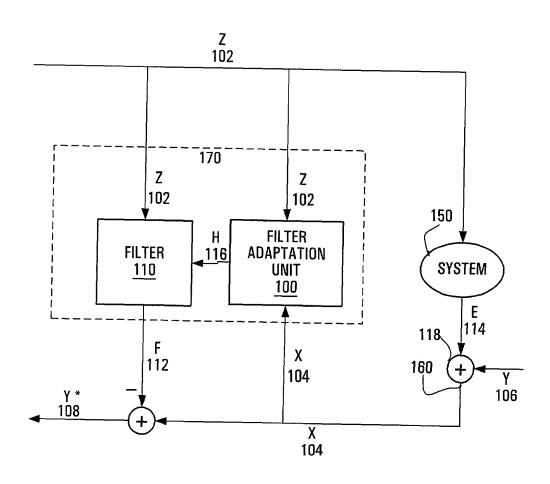


FIG. 1

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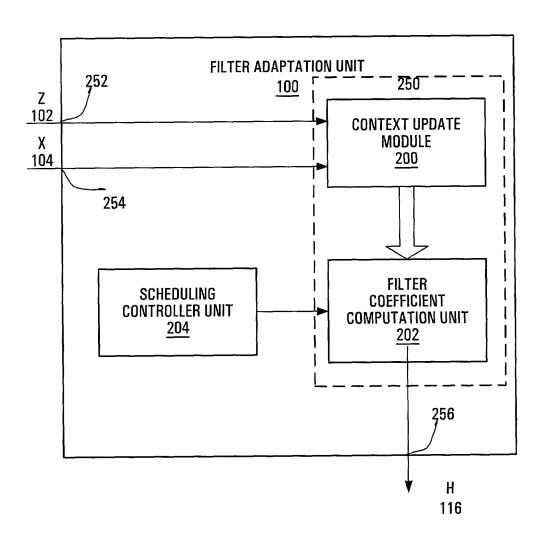


FIG. 2

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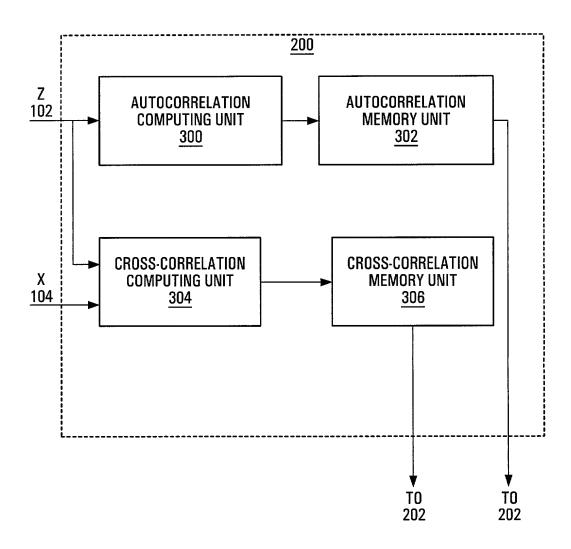


FIG. 3

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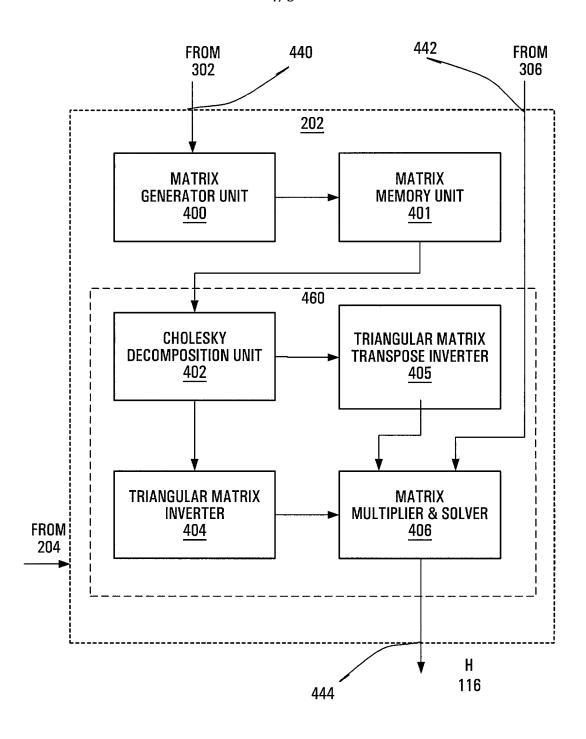


FIG. 4

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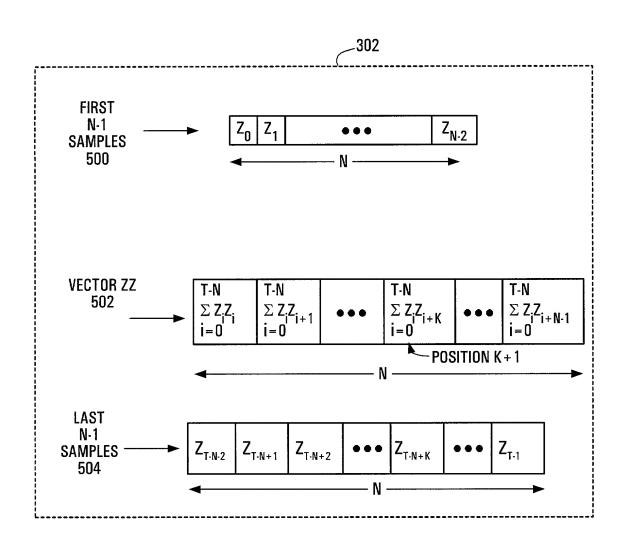


FIG. 5

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$ \begin{bmatrix} T-1 \\ \sum Z_{i-M+1}X_{i} \\ i=0 \end{bmatrix} $	0
$ \begin{array}{c} T-1 \\ \sum Z_{i-M+2}X_i \\ i=0 \end{array} $	1
$T-1$ $\sum_{i=0}^{\infty} Z_i X_i$	] M-1

FIG. 6

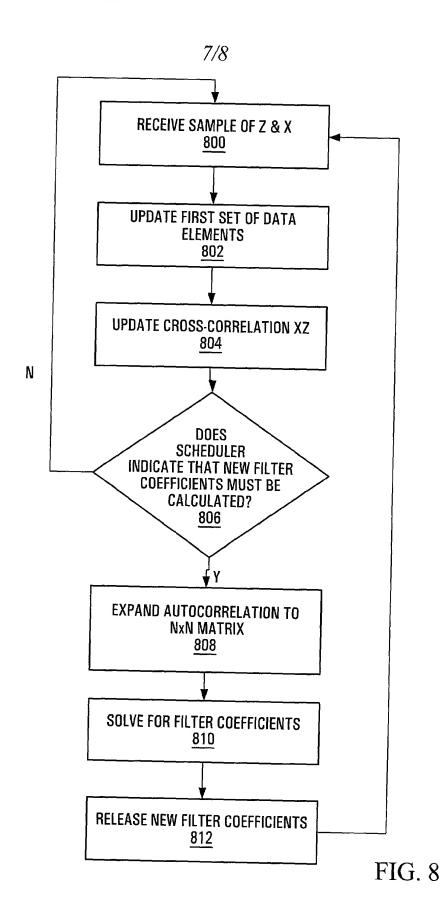
		<u>700</u>		•
$ \begin{array}{c} T \cdot N \\ \Sigma \ Z_i Z_i \\ i = 0 \end{array} $	$ \begin{array}{c c} T-N \\ \sum Z_i Z_{i+1} \\ i=0 \end{array} $	•••	•••	$ \begin{array}{c c} T-N \\ \Sigma Z_i Z_{i+N-1} \\ i=0 \end{array} $
$\begin{array}{c} T\text{-N} \\ \sum Z_i Z_{i+1} \\ i=0 \end{array}$	$T-N+1$ $\sum_{i=1}^{\infty} Z_{i}Z_{i}$			
		$ \begin{array}{c} T-N+2 \\ \sum Z_{i}Z_{i} \\ i=2 \end{array} $		
			•••	
$T-N$ $\sum_{i=0}^{T} Z_{i}Z_{i+N-1}$				$T-1$ $\sum Z_{i}Z_{i}$ $i = N-1$

FIG. 7

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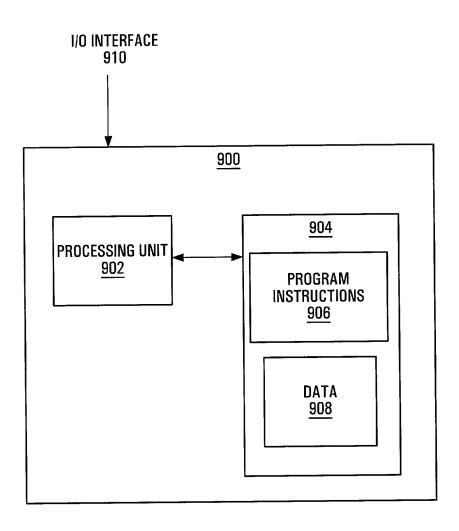


FIG. 9

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